

# MFRP Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00066-1**

## Capture Antibody Information

**Catalog Number:**  
83075-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230418A7  
**Reactivity:**  
Human  
**Immunogen Catalog Number:**  
Ag34302

**Conjugate:**  
Unconjugated  
**Full name:**  
membrane frizzled-related protein  
**Gene ID:**  
83552  
**Affinity:**  
 $K_D = 9.79 \times 10^{-11} \text{M}$   
 $K_{Off} = 1.89 \times 10^{-5} \text{M}$   
 $K_{On} = 1.93 \times 10^5 \text{M}$

## Detection Antibody Information

**Catalog Number:**  
83075-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230418D5  
**Reactivity:**  
Human  
**GenBank:**  
BC160191  
**Immunogen Catalog Number:**  
Ag34302

**Conjugate:**  
Unconjugated  
**Full name:**  
membrane frizzled-related protein  
**Gene ID:**  
83552  
**Affinity:**  
 $K_D = 1.16 \times 10^{-9} \text{M}$   
 $K_{Off} = 3.62 \times 10^{-5} \text{M}$   
 $K_{On} = 3.12 \times 10^4 \text{M}$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-10 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00066-1 targets MFRP in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: MFRP Recombinant antibody, PBS Only (Capture) 83075-1-PBS (230418A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: MFRP Recombinant antibody, PBS Only (Detector) 83075-3-PBS (230418D5). 100 µg. Concentration 1 mg/mL.

Alternative MFRP matched antibody pairs: MP00066-2, MP00066-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

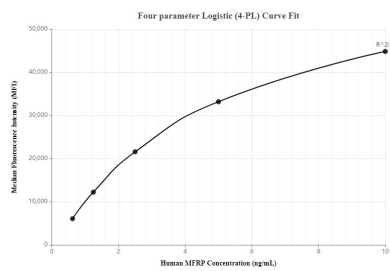
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Cytometric bead array standard curve of MP00066-1, MFRP Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83075-1-PBS. Detection antibody: 83075-3-PBS. Standard: Ag34302. Range: 0.625-10 ng/mL